

Title (en)

Biscuit joiner with retractable antiskid pins.

Title (de)

Vorrichtung zur Herstellung von Schlitzten oder kreisabschnittsförmigen Nuten mit rückziehbaren, rutschsichernden Stiften.

Title (fr)

Outil à tailler des mortaises muni de pointes antidéparage rétractables.

Publication

**EP 0571160 A1 19931124 (EN)**

Application

**EP 93303787 A 19930517**

Priority

US 88772992 A 19920522

Abstract (en)

A biscuit joiner 11 has a pair of selectively usable retractable antiskid pin subassemblies 13, 15 for increasing the frictional resistance of the shoe assembly 23 with a workpiece when making a cut in the workpiece. Pins 19, 21 are biased forwardly to an extended position by a spring 45. To permit selective use of the pins 19, 21, a retractor 47 retains pins 19, 21 in a retracted position. Retractor 47 preferably comprises a cam 59 and a cam follower 61 and is actuated and deactuated by rotation of pins 19, 21 within chambers 43. Each pin tip 55 has a plurality of peripheral points 73-76 which are particularly effective for reducing skidding on a workpiece. <IMAGE>

IPC 1-7

**B27F 5/02**

IPC 8 full level

**B27F 5/02** (2006.01)

CPC (source: EP US)

**B27F 5/02** (2013.01 - EP US); **B27F 5/023** (2013.01 - EP US); **A47B 2230/0059** (2013.01 - EP US); **Y10T 279/1986** (2015.01 - EP US); **Y10T 408/56245** (2015.01 - EP US); **Y10T 408/96** (2015.01 - EP US); **Y10T 409/306608** (2015.01 - EP US); **Y10T 409/307056** (2015.01 - EP US)

Citation (search report)

- [A] DE 2838233 A1 19790607 - STEINER LAMELLO AG
- [AD] US 4913204 A 19900403 - MOORES GREGORY E [US], et al
- [AD] US 4947908 A 19900814 - O'BANION MICHAEL L [US], et al

Cited by

US6368033B2; EP1462228A3

Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

**US 5257654 A 19931102**; DE 69300216 D1 19950803; DE 69300216 T2 19951207; EP 0571160 A1 19931124; EP 0571160 B1 19950628

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